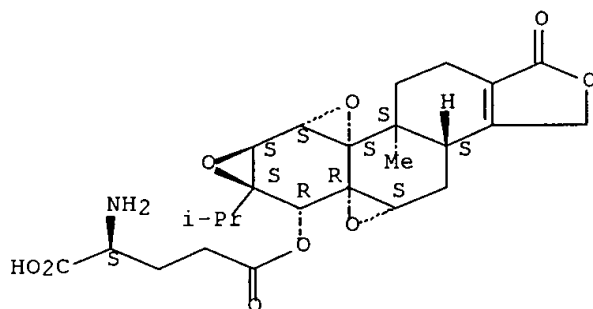


L3 ANSWER 1 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 461384-91-8 REGISTRY  
CN L-Glutamic acid, 5-[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-  
1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-  
1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester (9CI)  
(CA INDEX NAME)

OTHER NAMES:

CN PG 661  
FS STEREOSEARCH  
MF C25 H31 N O9  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

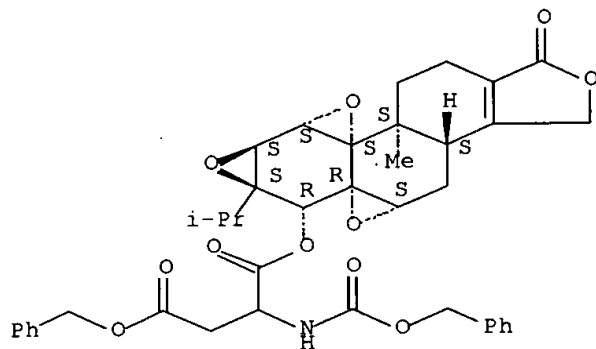


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 2 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 461384-90-7 REGISTRY  
 CN Aspartic acid, N-[(phenylmethoxy)carbonyl]-, 1-  
 [(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-  
 dodecahydro-8b-methyl-6a-(1-methylethyl)-1-  
 oxotrisoxireno[4b,5:6,7:8a,9]ph  
 enanthro[1,2-c]furan-6-yl] 4-(phenylmethyl) ester (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN PG 659  
 FS STEREOSEARCH  
 MF C39 H41 N O11  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 3 OF 50 REGISTRY COPYRIGHT 2003 ACS

RN 461384-89-4 REGISTRY

CN Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 1-  
[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-  
dodecahydro-8b-methyl-6a-(1-methylethyl)-1-  
oxotrisoxireno[4b,5:6,7:8a,9]ph  
enanthro[1,2-c]furan-6-yl] 5-(phenylmethyl) ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN PG 657

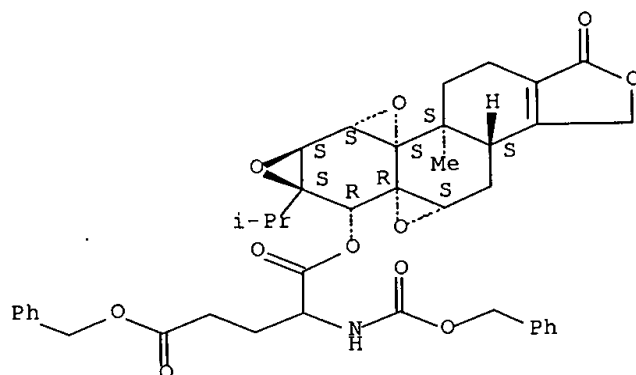
FS STEREOSEARCH

MF C40 H43 N O11

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



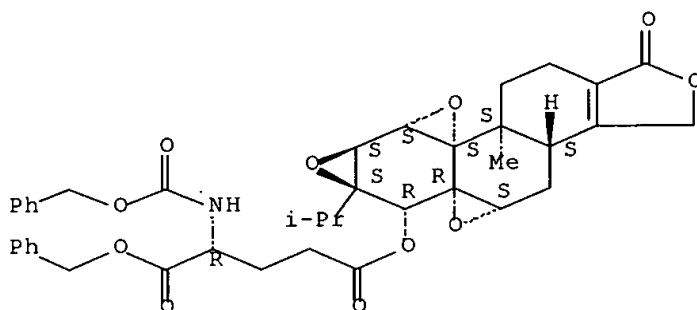
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 4 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 461384-88-3 REGISTRY  
 CN D-Glutamic acid, N-[(phenylmethoxy)carbonyl]-, 5-  
 [(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-  
 dodecahydro-8b-methyl-6a-(1-methylethyl)-1-  
 oxotrisoxireno[4b,5:6,7:8a,9]ph  
 enanthro[1,2-c]furan-6-yl] 1-(phenylmethyl) ester (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN PG 660  
 FS STEREOSEARCH  
 MF C40 H43 N O11  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

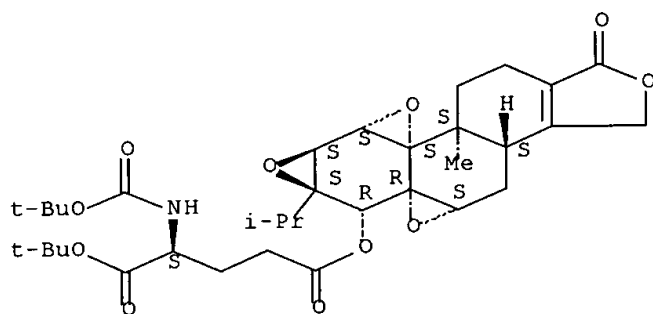


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 5 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 461384-87-2 REGISTRY  
 CN L-Glutamic acid, N-[(1,1-dimethylethoxy)carbonyl]-, 1-(1,1-dimethylethyl)  
 5-[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN PG 658  
 FS STEREOSEARCH  
 MF C34 H47 N O11  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 6 OF 50 REGISTRY COPYRIGHT 2003 ACS

RN 460732-26-7 REGISTRY

CN L-Aspartic acid, N-[(1,1-dimethylethoxy)carbonyl]-, 4-(1,1-dimethylethyl)

1-[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester (9CI) (CA INDEX NAME)

OTHER NAMES:

CN PG 664

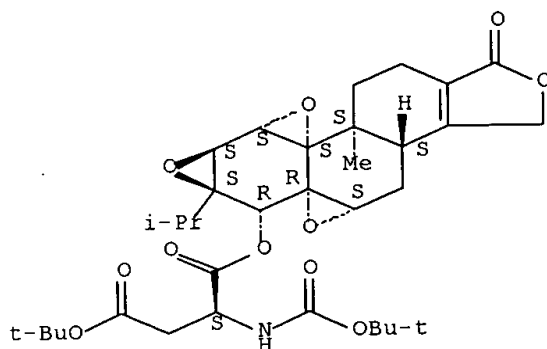
FS STEREOSEARCH

MF C33 H45 N O11

SR CA

LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



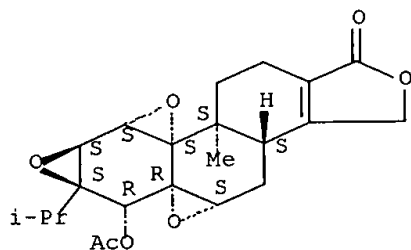
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 7 OF 50 .REGISTRY COPYRIGHT 2003 ACS  
 RN 457914-14-6 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 6-(acetyloxy)-3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-8b-methyl-6a-(1-  
 methylethyl)-, (3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)- (9CI) (CA INDEX  
 NAME)  
 FS STEREOSEARCH  
 MF C22 H26 O7  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

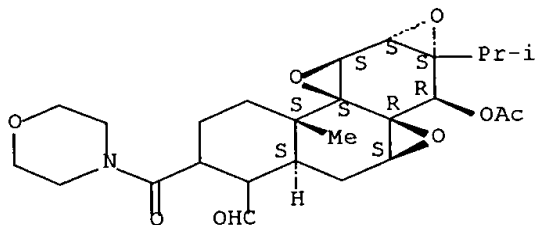


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 8 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 457914-13-5 REGISTRY  
 CN Morpholine, 4-[[[(1aS,2R,2aR,3aS,4aS,8aS,8bS,9aS,9bS)-2-(acetyloxy)-5-formyldodecahydro-8a-methyl-1a-(1-methylethyl)phenanthro[2,3-b:4,4a-b':10,10a-b']]trioxiren-6-yl]carbonyl]- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C26 H35 N O8  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.



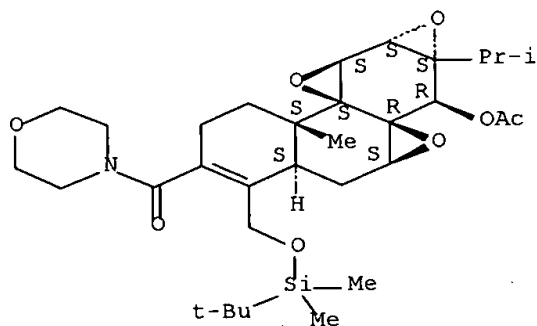
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)



L3 ANSWER 9 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 457914-12-4 REGISTRY  
 CN Morpholine, 4-[[[(1aS,2R,2aR,3aS,4aS,8aS,8bS,9aS,9bS)-2-(acetyloxy)-5-  
 [[[(1,1-dimethylethyl)dimethylsilyl]oxy]methyl]-  
 1a,2,3a,4,4a,7,8,8a,9a,9b-  
 decahydro-8a-methyl-1a-(1-methylethyl)phenanthro[2,3-b:4,4a-b':10,10a-  
 b'']trioxiren-6-yl]carbonyl]- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C32 H49 N O8 Si  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

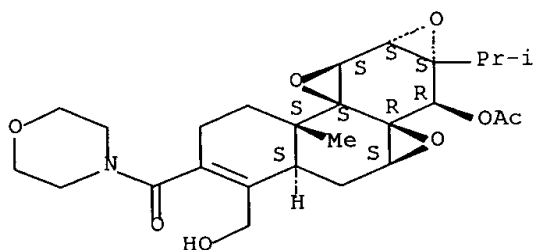


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 10 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 457914-11-3 REGISTRY  
 CN Morpholine, 4-[[[(1aS,2R,2aR,3aS,4aS,8aS,8bS,9aS,9bS)-2-(acetyloxy)-  
 1a,2,3a,4,4a,7,8,8a,9a,9b-decahydro-5-(hydroxymethyl)-8a-methyl-1a-(1-  
 methylethyl)phenanthro[2,3-b:4,4a-b':10,10a-b'']trioxiren-6-  
 yl]carbonyl]-  
 (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C26 H35 N O8  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

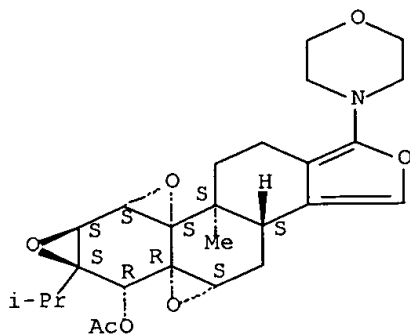


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 11 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 457914-06-6 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-ol,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-8b-methyl-6a-(1-methylethyl)-1-(4-  
 morpholinyl)-, acetate (ester), (3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-  
 (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C26 H33 N O7  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

Absolute stereochemistry.

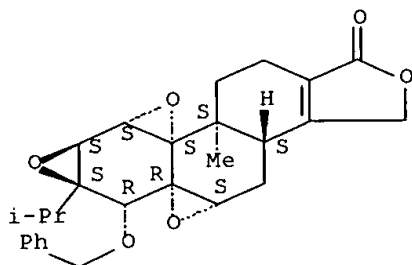


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 12 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 260246-85-3 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-8b-methyl-6a-(1-methylethyl)-6-  
 (phenylmethoxy)-, (3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)- (9CI) (CA INDEX  
 NAME)  
 FS STEREOSEARCH  
 MF C27 H30 O6  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.

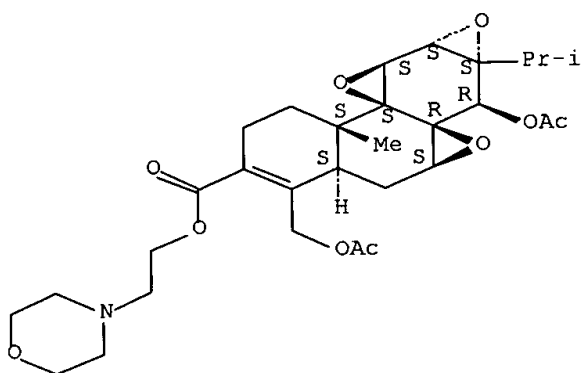


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 13 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 260246-84-2 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trioxirene-6-carboxylic acid,  
 2-(acetyloxy)-5-[(acetyloxy)methyl]-1a,2,3a,4,4a,7,8,8a,9a,9b-decahydro-  
 8a-  
 methyl-1a-(1-methylethyl)-, 2-(4-morpholinyl)ethyl ester,  
 (1aS,2R,2aR,3aS,4aS,8aS,8bS,9aS,9bS)- (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C30 H41 N O10  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 14 OF 50 REGISTRY COPYRIGHT 2003 ACS

RN 260246-83-1 REGISTRY

CN Pentanedioic acid, mono[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-6-(acetyloxy)-

3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-8b-methyl-6a-(1-methylethyl)trioxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1-yl]

ester,

compd. with 2-amino-2-(hydroxymethyl)-1,3-propanediol (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-,

(3bS,4aS,5aR,6R,6aS,7aS,7bS,8

aS,8bS)-6-(acetyloxy)-3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-8b-methyl-6a-

(1-

methylethyl)trioxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1-yl

pentanedioate (salt) (9CI)

FS STEREOSEARCH

MF C27 H32 O10 . C4 H11 N O3

SR CA

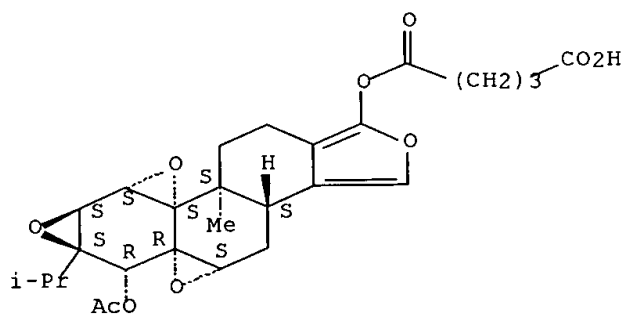
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 260246-82-0

CMF C27 H32 O10

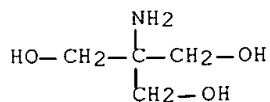
Absolute stereochemistry.



CM 2

CRN 77-86-1

CMF C4 H11 N O3

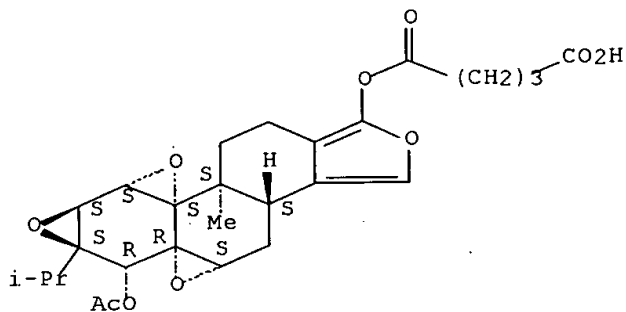


2 REFERENCES IN FILE CA (1962 TO DATE)

2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 15 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 260246-82-0 REGISTRY  
 CN Pentanedioic acid, mono[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-6-(  
 (acetyloxy)-  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-8b-methyl-6a-(1-  
 methylethyl)trioxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1-yl] ester  
 (9CI) (CA INDEX NAME)  
 FS STEREOSEARCH  
 MF C27 H32 O10  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 16 OF 50 REGISTRY COPYRIGHT 2003 ACS

RN 195883-11-5 REGISTRY

CN L-Lysine, mono[[3bS-(3b.alpha.,4a.alpha.,5aS\*,6.beta.,6a.beta.,7a.beta.,7b.alpha.,8aR\*,8b.beta.)]-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl butanedioate] (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Butanedioic acid, mono[1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester, [3bS-

(3b.alpha.,4a.alpha.,5aS\*,6.beta.,6a.beta.,7a.beta.,7b.alpha.,8aR\*,8b.beta.)]-, compd. with L-lysine (1:1) (9CI)

OTHER NAMES:

CN YM 276

FS STEREOSEARCH

MF C24 H28 O9 . C6 H14 N2 O2

SR CA

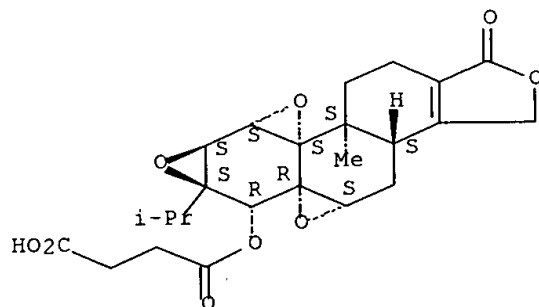
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

CM 1

CRN 195883-06-8

CMF C24 H28 O9

Absolute stereochemistry.

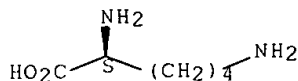


CM 2

CRN 56-87-1

CMF C6 H14 N2 O2

Absolute stereochemistry.



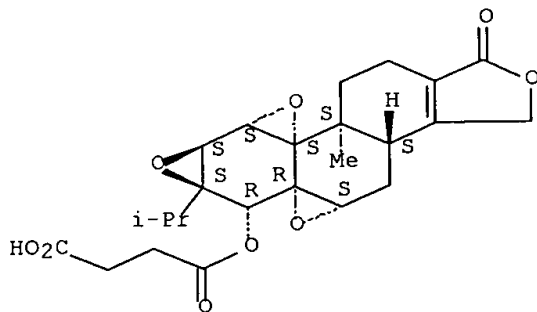
1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)



L3 ANSWER 17 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 195883-09-1 REGISTRY  
 CN Butanedioic acid, mono[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-  
 1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-  
 1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester, sodium  
 salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Butanedioic acid, mono[1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-  
 methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-  
 c]furan-6-yl] ester, sodium salt, [3bS-  
 (3b.alpha.,4a.alpha.,5aS\*,6.beta.,6  
 a.beta.,7a.beta.,7b.alpha.,8aR\*,8b.beta.)]-  
 OTHER NAMES:  
 CN PG 490-88  
 CN YM 274  
 FS STEREOSEARCH  
 MF C24 H28 O9 . Na  
 SR CA  
 LC STN Files: BIOSIS, CA, CAPLUS, DRUGNL, DRUGUPDATES, SYNTHLINE,  
 TOXCENTER, USPATFULL  
 CRN (195883-06-8)

Absolute stereochemistry.



● Na

7 REFERENCES IN FILE CA (1962 TO DATE)  
 7 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 18 OF 50 REGISTRY COPYRIGHT 2003 ACS

RN 195883-07-9 REGISTRY

CN Butanedioic acid, mono[1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester, [3bS-

(3b.alpha.,4a.alpha.,5aS\*,6.beta.,6a.beta.,7a.beta.,7b.alpha.,8aR\*,8b.beta.)]-, compd. with 2-amino-2-(hydroxymethyl)-1,3-

propanediol (1:1) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Propanediol, 2-amino-2-(hydroxymethyl)-, [3bS-

(3b.alpha.,4a.alpha.,5aS\*,6.beta.,6a.beta.,7a.beta.,7b.alpha.,8aR\*,8b.beta.)]-1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl butanedioate (salt) (9CI)

OTHER NAMES:

CN YM 273

FS STEREOSEARCH

MF C24 H28 O9 . C4 H11 N O3

SR CA

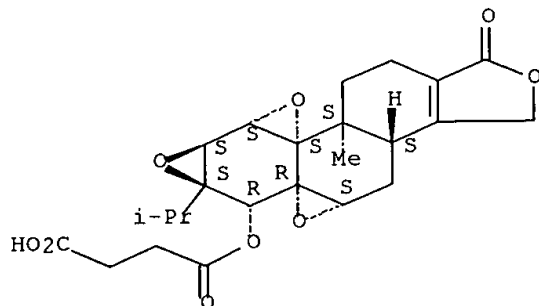
LC STN Files: CA, CAPLUS, SYNTHLINE, TOXCENTER, USPATFULL

CM 1

CRN 195883-06-8

CMF C24 H28 O9

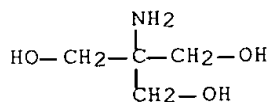
Absolute stereochemistry.



CM 2

CRN 77-86-1

CMF C4 H11 N O3

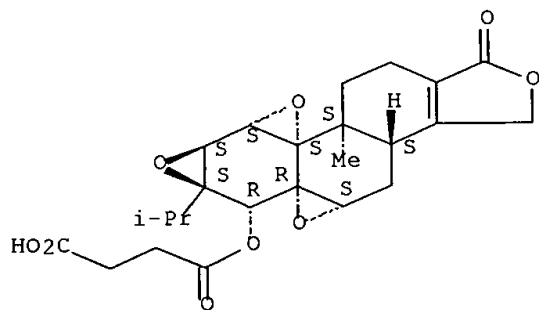


1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 19 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 195883-06-8 REGISTRY  
 CN Butanedioic acid, mono[(3bS,4aS,5aR,6R,6aS,7aS,7bS,8aS,8bS)-  
 1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-methyl-6a-(1-methylethyl)-  
 1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-6-yl] ester (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Butanedioic acid, mono[1,3,3b,4,4a,6,6a,7a,7b,8b,9,10-dodecahydro-8b-  
 methyl-6a-(1-methylethyl)-1-oxotrisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-  
 c]furan-6-yl] ester, [3bS-  
 (3b.alpha.,4a.alpha.,5aS\*,6.beta.,6a.beta.,7a.be  
 ta.,7b.alpha.,8aR\*,8b.beta.)]-  
 OTHER NAMES:  
 CN YM 262  
 FS STEREOSEARCH  
 MF C24 H28 O9  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, DRUGUPDATES, SYNTHLINE, TOXCENTER, USPATFULL

Absolute stereochemistry.

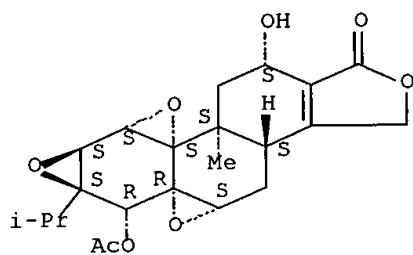


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 20 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 173293-38-4 REGISTRY  
CN Triptolide, 2-hydroxy-, 14-acetate, (2.beta.)- (9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C22 H26 O8  
SR CA  
LC STN Files: CA, CAPLUS

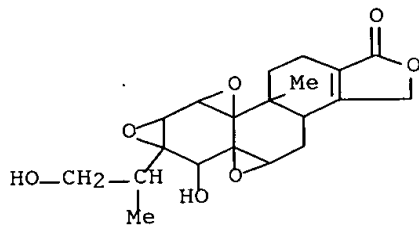
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 21 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 167467-56-3 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-6a-(2-hydroxy-1-  
 methylethyl)-8b-methyl-, (3bS,4aS,5aS,6R,6aR,7aS,7bS,8aS,8bS)- (9CI)  
 (CA  
 INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 16-hydroxy-  
 OTHER NAMES:  
 CN Tripterygin  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-6a-(2-hydroxy-1-  
 methylethyl)-8b-methyl-, [3bS-  
 (3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.,7  
 a.beta.,7b.alpha.,8aR\*,8b.beta.)]-[partial]-  
 MF C20 H24 O7  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

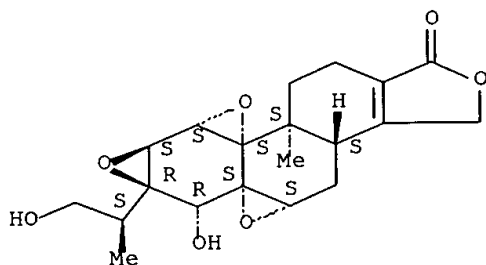
L3 ANSWER 22 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 160625-93-4 REGISTRY  
 CN Triptolide, 16-hydroxy-, (15S)-, mixt. with (E)-6-(1,3-dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-4-hexenoic acid (9CI)  
 (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 4-Hexenoic acid, 6-(1,3-dihydro-4-hydroxy-6-methoxy-7-methyl-3-oxo-5-isobenzofuranyl)-4-methyl-, (E)-, mixt. contg. (9CI)  
 FS STEREOSEARCH  
 MF C20 H24 O7 . C17 H20 O6  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

CRN 139713-80-7

CMF C20 H24 O7

Absolute stereochemistry.

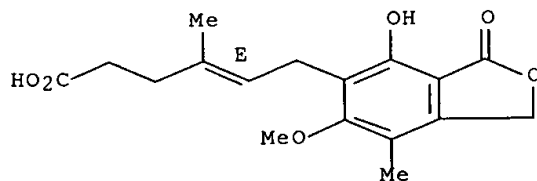


CM 2

CRN 24280-93-1

CMF C17 H20 O6

Double bond geometry as shown.



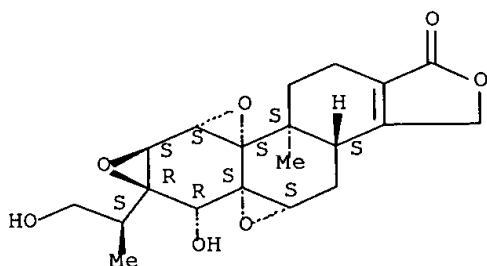
1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 23 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 160625-92-3 REGISTRY  
 CN Rapamycin, mixt. with (15S)-16-hydroxytriptolide (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 16-hydroxy-, (15S)-, mixt. contg. (9CI)  
 FS STEREOSEARCH  
 MF C51 H79 N O13 . C20 H24 O7  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, DRUGPAT, DRUGUPDATES, TOXCENTER

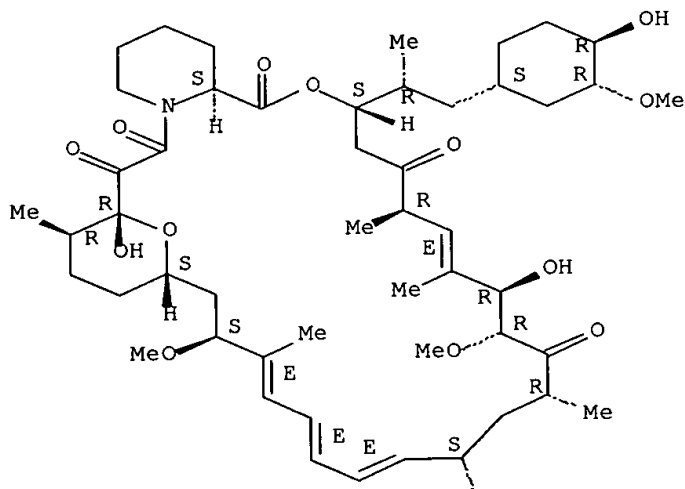
CM 1  
 CRN 139713-80-7  
 CMF C20 H24 O7

Absolute stereochemistry.



CM 2  
 CRN 53123-88-9  
 CMF C51 H79 N O13  
 Absolute stereochemistry.  
 Double bond geometry as shown.

PAGE 1-A



PAGE 2-A

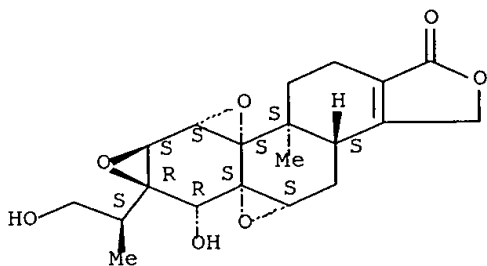
1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 24 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 160625-91-2 REGISTRY  
 CN L-Glutamic acid, N-[4-[[[2,4-diamino-6-  
 pteridinyl)methyl]methylamino]benzo  
 yl]-, mixt. with (15S)-16-hydroxytriptolide (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 16-hydroxy-, (15S)-, mixt. contg. (9CI)  
 FS STEREOSEARCH  
 MF C20 H24 O7 . C20 H22 N8 O5  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

CRN 139713-80-7  
 CMF C20 H24 O7

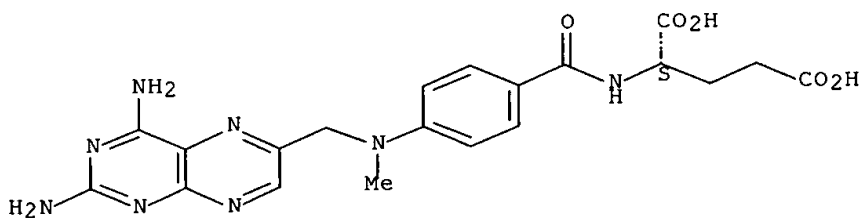
Absolute stereochemistry.



CM 2

CRN 59-05-2  
 CMF C20 H22 N8 O5

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

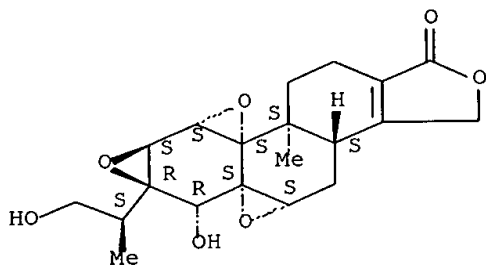


L3 ANSWER 25 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 160625-90-1 REGISTRY  
 CN Triptolide, 16-hydroxy-, (1S)-, mixt. with 6-[(1-methyl-4-nitro-1H-imidazol-5-yl)thio]-1H-purine (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN 1H-Purine, 6-[(1-methyl-4-nitro-1H-imidazol-5-yl)thio]-, mixt. contg. (9CI)  
 FS STEREOSEARCH  
 MF C20 H24 O7 . C9 H7 N7 O2 S  
 CI MXS  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

CM 1

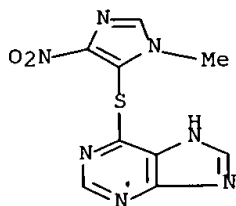
CRN 139713-80-7  
 CMF C20 H24 O7

Absolute stereochemistry.



CM 2

CRN 446-86-6  
 CMF C9 H7 N7 O2 S



1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 26 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 160625-89-8 REGISTRY  
CN Triptolide, 16-hydroxy-, (15S)-, mixt. with [3S-

[3R\*[E(1S\*,3S\*,4S\*)],4S\*,5R\*,8S\*,9E,12R\*,14R\*,15S\*,16R\*,18S\*,19S\*,26aR\*]]-  
5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-5,19-  
dihydroxy-  
3-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylethenyl]-14,16-dimethoxy-  
4,10,12,18-tetramethyl-8-(2-propenyl)-15,19-epoxy-3H-pyrido[2,1-  
c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-tetrone (9CI) (CA INDEX  
NAME)

OTHER CA INDEX NAMES:

CN 15,19-Epoxy-3H-pyrido[2,1-c][1,4]oxaazacyclotricosine-1,7,20,21(4H,23H)-  
tetrone, 5,6,8,11,12,13,14,15,16,17,18,19,24,25,26,26a-hexadecahydro-  
5,19-  
dihydroxy-3-[2-(4-hydroxy-3-methoxycyclohexyl)-1-methylethenyl]-14,16-  
dimethoxy-4,10,12,18-tetramethyl-8-(2-propenyl)-, [3S-

[3R\*[E(1S\*,3S\*,4S\*)],4S\*,5R\*,8S\*,9E,12R\*,14R\*,15S\*,16R\*,18S\*,19S\*,26aR\*]]-  
, mixt. contg. (9CI)

FS STEREOSEARCH

MF C44 H69 N O12 . C20 H24 O7

CI MXS

SR CA

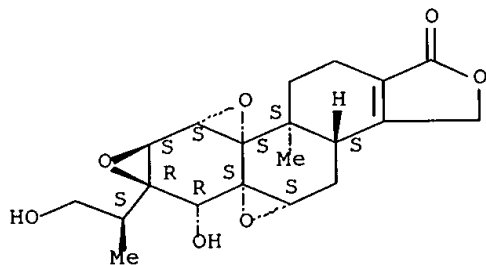
LC STN Files: CA, CAPLUS, DRUGPAT, DRUGUPDATES, TOXCENTER

CM 1

CRN 139713-80-7

CMF C20 H24 O7

Absolute stereochemistry.



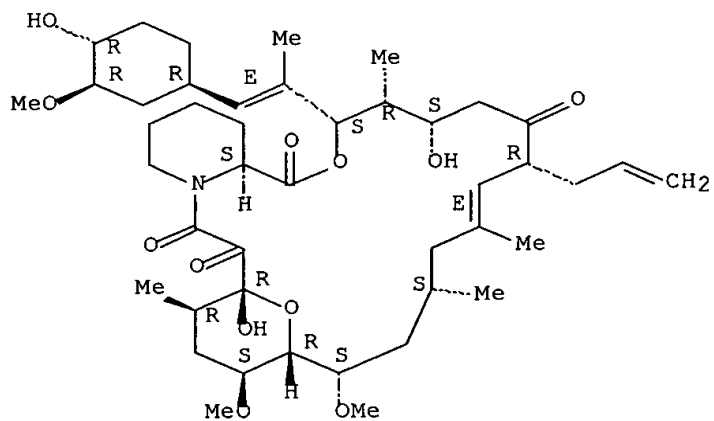
CM 2

CRN 104987-11-3

CMF C44 H69 N O12

Absolute stereochemistry.

Double bond geometry as shown.



1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 27 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 160625-88-7 REGISTRY  
CN Cyclosporin A, mixt. with (15S)-16-hydroxytriptolide (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

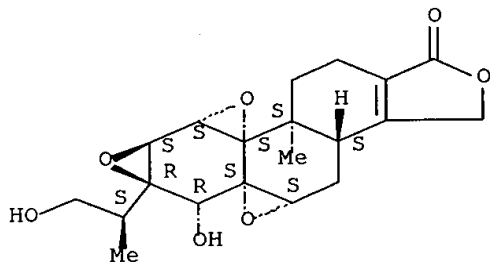
CN Triptolide, 16-hydroxy-, (15S)-, mixt. contg. (9CI)  
FS PROTEIN SEQUENCE; STEREOSEARCH  
MF C62 H111 N11 O12 . C20 H24 O7  
CI MXS  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

CM 1

CRN 139713-80-7  
CMF C20 H24 O7

Absolute stereochemistry.

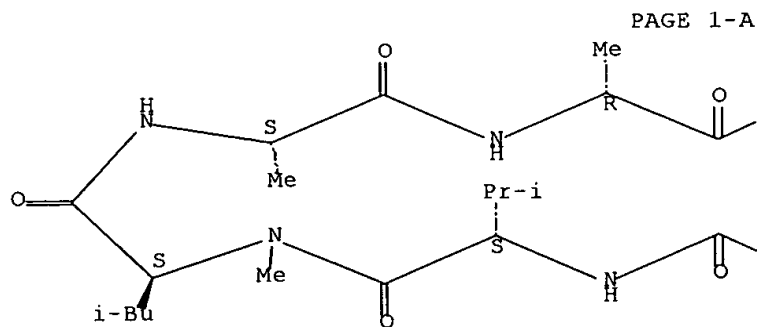


CM 2

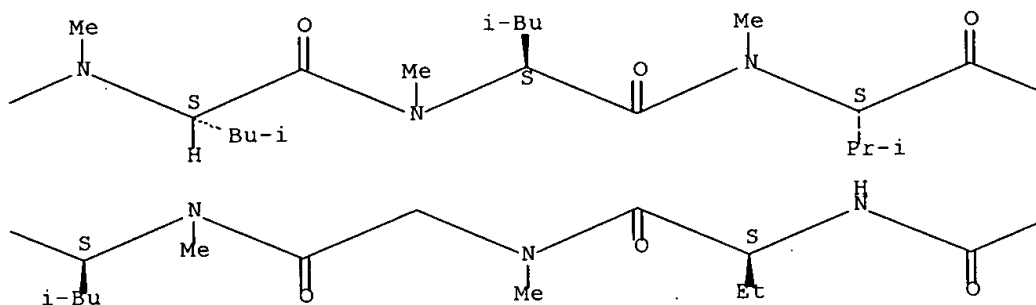
CRN 59865-13-3  
CMF C62 H111 N11 O12

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

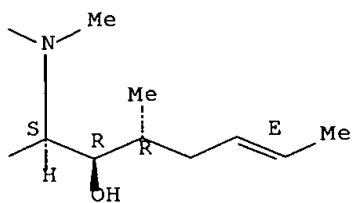
Absolute stereochemistry.  
Double bond geometry as shown.



PAGE 1-B



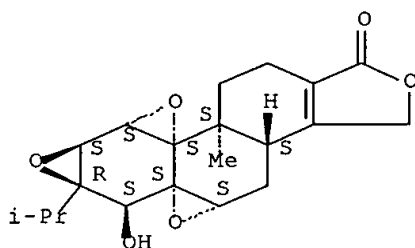
PAGE 1-C



1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 28 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 144539-79-7 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-8b-methyl-6a-(1-  
 methylethyl)-, [3bS-  
 (3b.alpha.,4a.alpha.,5aR\*,6.alpha.,6a.beta.,7a.beta.,7  
 b.alpha.,8aR\*,8b.beta.)]- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, (14.alpha.)-  
 OTHER NAMES:  
 CN (14.alpha.)-Triptolide  
 FS STEREOSEARCH  
 MF C20 H24 O6  
 SR CA  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CASREACT  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.

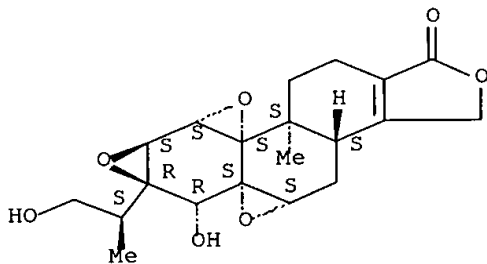


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 29 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 139713-80-7 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-6a-[(1S)-2-hydroxy-1-  
 methylethyl]-, (3bS,4aS,5aS,6R,6aR,7aS,7bS,8aS,8bS)- (9CI) (CA INDEX  
 NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 16-hydroxy-, (15S)-  
 OTHER NAMES:  
 CN (15S)-16-Hydroxytriptolide  
 CN 16-Hydroxytriptolide  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-6a-(2-hydroxy-1-  
 methylethyl)-, [3bS-  
 [3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.(R\*),7a.beta  
 .,7b.alpha.,8aR\*,8b.alpha.]]-  
 FS STEREOSEARCH  
 DR 139601-38-0  
 MF C20 H24 O7  
 CI COM  
 SR CA  
 LC STN Files: CA, CAPLUS, MEDLINE, TOXCENTER, USPATFULL

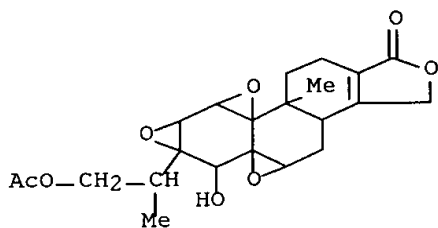
Absolute stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

19 REFERENCES IN FILE CA (1962 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 19 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 30 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 139601-54-0 REGISTRY  
 CN Triptolide, 16-(acetyloxy)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolide deriv.  
 MF C22 H26 O8  
 SR CA  
 LC STN Files: CA, CAPLUS, TOXCENTER

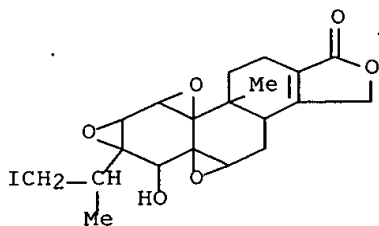


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)



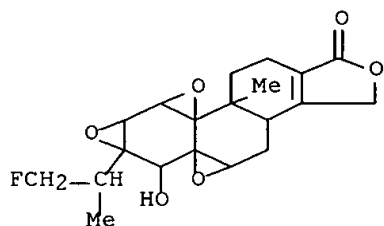
L3 ANSWER 31 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 139601-53-9 REGISTRY  
CN Triptolide, 16-iodo- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolide deriv.  
MF C20 H23 I O6  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

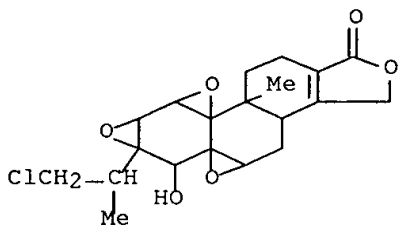
L3 ANSWER 32 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 139601-52-8 REGISTRY  
CN Triptolide, 16-fluoro- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolide deriv.  
MF C20 H23 F O6  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

LC STN Files: CA, CAPLUS, TOXCENTER

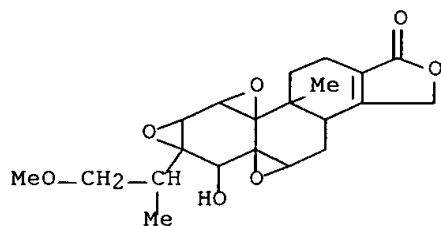


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 34 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 139601-50-6 REGISTRY  
CN Triptolide, 16-methoxy- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolide deriv.  
MF C21 H26 O7  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

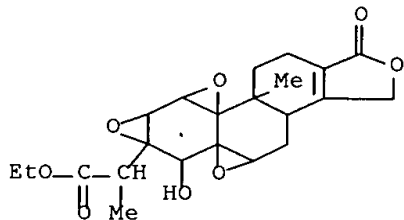


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)

1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

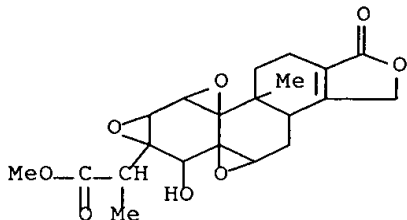
L3 ANSWER 35 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 139601-49-3 REGISTRY  
CN Triptolid-16-oic acid, ethyl ester (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolid-16-oic acid  
deriv.  
MF C22 H26 O8  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

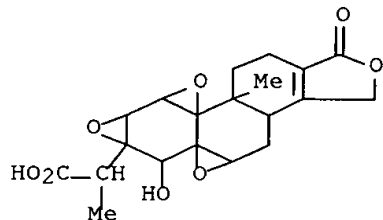
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L3 ANSWER 36 OF 50  REGISTRY  COPYRIGHT 2003 ACS
RN 139601-48-2  REGISTRY
CN Triptolid-16-oic acid, methyl ester (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolid-16-oic acid
  deriv.
MF C21 H24 O8
SR CA
LC STN Files:  CA, CAPLUS, TOXCENTER
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\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

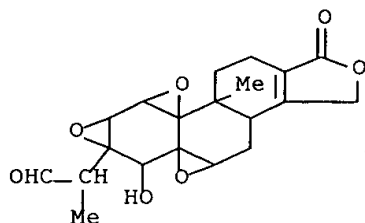
L3 ANSWER 37 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 139601-47-1 REGISTRY  
CN Triptolid-16-oic acid (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolid-16-oic acid  
deriv.  
MF C20 H22 O8  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2 REFERENCES IN FILE CA (1962 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 38 OF 50 REGISTRY COPYRIGHT 2003 ACS  
RN 139601-46-0 REGISTRY  
CN Triptolide, 16-oxo- (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan, triptolide deriv.  
MF C20 H22 O7  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER



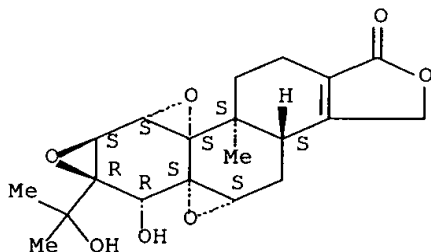
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)



L3 ANSWER 39 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 99694-86-7 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-6a-(1-hydroxy-1-  
 methylethyl)-8b-methyl-, (3bS,4aS,5aS,6R,6aR,7aS,7bS,8aS,8bS)- (9CI)  
 (CA  
 INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 15-hydroxy-  
 OTHER NAMES:  
 CN 15-Hydroxytriptolide  
 CN Triptolidenol  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-6a-(1-hydroxy-1-  
 methylethyl)-8b-methyl-, [3bS-  
 (3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.,7  
 a.beta.,7b.alpha.,8aR\*,8b.beta.)]-  
 FS STEREOSEARCH  
 MF C20 H24 O7  
 SR CA  
 LC STN Files: BIOSIS, CA, CAPLUS, NAPRALERT, TOXCENTER, USPATFULL

Absolute stereochemistry.

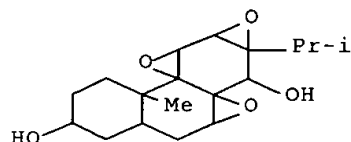


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1962 TO DATE)

14 REFERENCES IN FILE CAPLUS (1962 TO DATE)

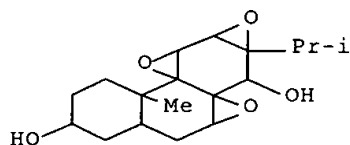
L3 ANSWER 40 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 81520-69-6 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trisoxirene-2,6-diol,  
 dodecahydro-8a-methyl-1a-(1-methylethyl)-,  
 (1a.alpha.,2.beta.,2aS\*,3a.beta  
 .,4a.beta.,6.alpha.,8a.alpha.,8bS\*,9a.beta.,9b.alpha.)- (9CI) (CA INDEX  
 NAME)  
 MF C18 H26 O5  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 41 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 81520-68-5 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trisoxirene-2,6-diol,  
 dodecahydro-8a-methyl-1a-(1-methylethyl)-,  
 (1a.alpha.,2.alpha.,2aS\*,3a.beta  
 a.,4a.beta.,6.alpha.,8a.alpha.,8bS\*,9a.beta.,9b.alpha.)- (9CI) (CA  
 INDEX  
 NAME)  
 MF C18 H26 O5  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS  
 (\*File contains numerically searchable property data)

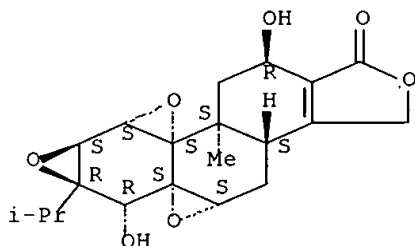


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 42 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 74409-90-8 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6,10-dihydroxy-8b-methyl-6a-(1-  
 methylethyl)-, (3bS,4aS,5aS,6R,6aR,7aS,7bS,8aS,8bS,10R)- (9CI) (CA  
 INDEX  
 NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 2-hydroxy-, (2.alpha.)-  
 OTHER NAMES:  
 CN 2.alpha.-Hydroxytriptolide  
 CN Tripterolide  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6,10-dihydroxy-8b-methyl-6a-(1-  
 methylethyl)-, [3bS-  
 (3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.,7a.beta.,7b  
 .alpha.,8aR\*,8b.beta.,10.alpha.)]-  
 FS STEREOSEARCH  
 MF C20 H24 O7  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, NAPRALERT  
 (\*File contains numerically searchable property data)

Absolute stereochemistry.

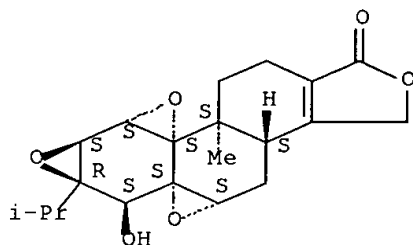


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 43 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 73543-06-3 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-8b-methyl-6a-(1-  
 methylethyl)-, (3bR,4aR,5aR,6R,6aS,7aR,7bR,8aR,8bR)-rel- (9CI) (CA  
 INDEX  
 NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, (14.alpha.)-(.+-.)-  
 OTHER NAMES:  
 CN (.+-.)-14-Epitriptolide  
 FS STEREOSEARCH  
 MF C20 H24 O6  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, CHEMCATS  
 (\*File contains numerically searchable property data)

Relative stereochemistry.

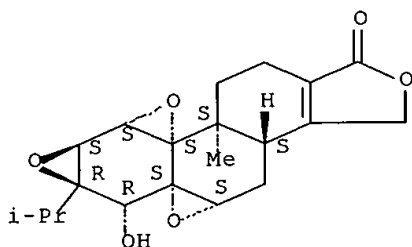


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 44 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 73414-46-7 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-8b-methyl-6a-(1-  
 methylethyl)-, (3bR,4aR,5aR,6S,6aS,7aR,7bR,8aR,8bR)-rel- (9CI) (CA  
 INDEX  
 NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, (.+-.)-  
 OTHER NAMES:  
 CN (.+-.)-Triptolide  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-8b-methyl-6a-(1-  
 methylethyl)-,  
 (3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.,7a.beta.,7b.alph  
 a.,8aR\*,8b.beta.)-  
 FS STEREOSEARCH  
 MF C20 H24 O6  
 LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAPLUS, TOXCENTER  
 (\*File contains numerically searchable property data)

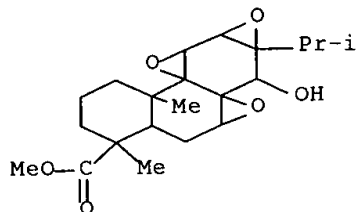
Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8 REFERENCES IN FILE CA (1962 TO DATE)  
 8 REFERENCES IN FILE CAPLUS (1962 TO DATE)

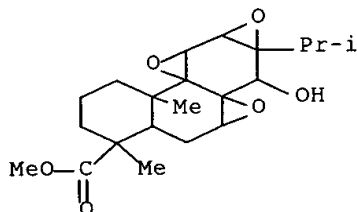
L3 ANSWER 45 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 70494-58-5 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trioxirene-5-carboxylic acid,  
 dodecahydro-2-hydroxy-5,8a-dimethyl-1a-(1-methylethyl)-, methyl ester,  
 [1aS-(1a.alpha.,2.beta.,2aR\*,3a.alpha.,4a.beta.,5.beta.,8a.alpha.,8bR\*,9a.  
 beta.,9b.alpha.)]- (9CI) (CA INDEX NAME)  
 MF C21 H30 O6  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, TOXCENTER  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

3 REFERENCES IN FILE CA (1962 TO DATE)  
 3 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 46 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 70494-57-4 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trisoxirene-5-carboxylic acid,  
 dodecahydro-2-hydroxy-5,8a-dimethyl-1a-(1-methylethyl)-, methyl ester,  
 [1aS-(1a.alpha.,2.alpha.,2aS\*,3a.beta.,4a.beta.,5.beta.,8a.alpha.,8bR\*,9a.  
 beta.,9b.alpha.)]- (9CI) (CA INDEX NAME)  
 MF C21 H30 O6  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, TOXCENTER  
 (\*File contains numerically searchable property data)

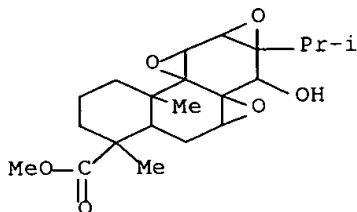


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1962 TO DATE)



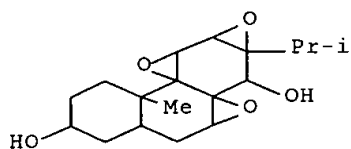
L3 ANSWER 47 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 70473-69-7 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trioxirene-5-carboxylic acid,  
 dodecahydro-2-hydroxy-5,8a-dimethyl-1a-(1-methylethyl)-, methyl ester,  
 [1aS-(1a.alpha.,2.alpha.,2aR\*,3a.alpha.,4a.beta.,5.beta.,8a.alpha.,8bR\*,9a  
 .beta.,9b.alpha.)]- (9CI) (CA INDEX NAME)  
 MF C21 H30 O6  
 LC STN Files: BEILSTEIN\*, CA, CAPLUS, TOXCENTER  
 (\*File contains numerically searchable property data)



\*\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

4 REFERENCES IN FILE CA (1962 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 48 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 70329-55-4 REGISTRY  
 CN Phenanthro[2,3-b:4,4a-b':10,10a-b'']trisoxirene-2,6-diol,  
 dodecahydro-8a-methyl-1a-(1-methylethyl)-,  
 (1a.alpha.,2.beta.,2aR\*,3a.alph  
 a.,4a.alpha.,6.beta.,8a.beta.,8bS\*,9a.alpha.,9b.alpha.)- (9CI) (CA  
 INDEX  
 NAME)  
 MF C18 H26 O5  
 LC STN Files: 'BEILSTEIN', CA, CAPLUS  
 (\*File contains numerically searchable property data)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 49 OF 50 REGISTRY COPYRIGHT 2003 ACS

RN 38748-32-2 REGISTRY

CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6-hydroxy-8b-methyl-6a-(1-  
methylethyl)-, (3bS,4aS,5aS,6R,6aR,7aS,7bS,8aS,8bS)- (9CI) (CA INDEX  
NAME)

OTHER CA INDEX NAMES:

CN Triptolide

OTHER NAMES:

CN (-)-Triptolide

CN PG 490

CN Triptolid

CN [3bS-

(3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.,7a.beta.,7b.alpha.,8aR\*,8b  
.beta.)]-3b,4,4a,6,6a,7a,7b,8b,9,10-Decahydro-6-hydroxy-8b-methyl-6a-(1-  
methylethyl)trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one

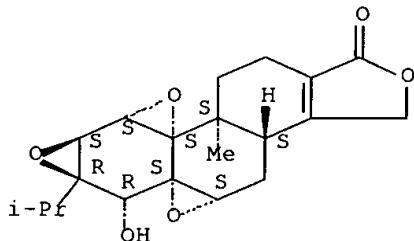
FS STEREOSEARCH

MF C20 H24 O6

LC STN Files: ADISINSIGHT, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS,  
BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB, CHEMCATS,  
CIN,

CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE,  
NAPRALERT, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

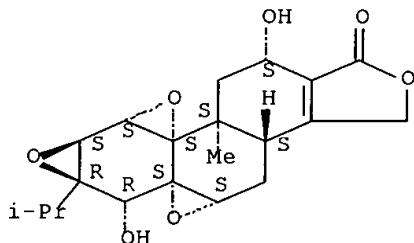
192 REFERENCES IN FILE CA (1962 TO DATE)

10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

192 REFERENCES IN FILE CAPLUS (1962 TO DATE)

L3 ANSWER 50 OF 50 REGISTRY COPYRIGHT 2003 ACS  
 RN 38647-10-8 REGISTRY  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6,10-dihydroxy-8b-methyl-6a-(1-  
 methylethyl)-, (3bS,4aS,5aS,6R,6aR,7aS,7bS,8aS,8bS,10S)- (9CI) (CA  
 INDEX  
 NAME)  
 OTHER CA INDEX NAMES:  
 CN Triptolide, 2-hydroxy-, (2.beta.)-  
 OTHER NAMES:  
 CN NSC 163063  
 CN Triptidiolide  
 CN Triptodiolide  
 CN Trisoxireno[4b,5:6,7:8a,9]phenanthro[1,2-c]furan-1(3H)-one,  
 3b,4,4a,6,6a,7a,7b,8b,9,10-decahydro-6,10-dihydroxy-8b-methyl-6a-(1-  
 methylethyl)-, [3bS-  
 (3b.alpha.,4a.alpha.,5aR\*,6.beta.,6a.beta.,7a.beta.,7b  
 .alpha.,8aR\*,8b.beta.,10.beta.)]-  
 FS STEREOSEARCH  
 MF C20 H24 O7  
 LC STN Files: AGRICOLA, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CANCERLIT,  
 CAPLUS, CHEMCATS, CIN, CSCHEM, DDFU, DRUGU, IFICDB, IFIPAT, IFIUDB,  
 IPA,  
 MEDLINE, NAPRALERT, PHAR, PROMT, RTECS\*, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)

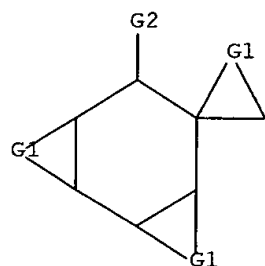
Absolute stereochemistry. Rotation (-).



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

53 REFERENCES IN FILE CA (1962 TO DATE)  
 3 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 53 REFERENCES IN FILE CAPLUS (1962 TO DATE)

```
=> d l1; d his; log y
L1 HAS NO ANSWERS
L1          STR
```



```
G1 C,O,S,N
G2 O,S,N
```

Structure attributes must be viewed using STN Express query preparation.

```
(FILE 'HOME' ENTERED AT 15:25:16 ON 04 MAR 2003)

FILE 'REGISTRY' ENTERED AT 15:25:34 ON 04 MAR 2003
L1          STRUCTURE UPLOADED
L2          0 S L1
L3          50 S L1 FUL

FILE 'CAPLUS' ENTERED AT 15:26:10 ON 04 MAR 2003
L4          229 S L3

FILE 'STNGUIDE' ENTERED AT 15:26:44 ON 04 MAR 2003

FILE 'REGISTRY' ENTERED AT 15:27:02 ON 04 MAR 2003

FILE 'REGISTRY' ENTERED AT 15:27:28 ON 04 MAR 2003

FILE 'STNGUIDE' ENTERED AT 15:28:50 ON 04 MAR 2003

FILE 'REGISTRY' ENTERED AT 15:30:48 ON 04 MAR 2003
          SAVE L3 LIOTTA/A

FILE 'STNGUIDE' ENTERED AT 15:31:02 ON 04 MAR 2003

FILE 'REGISTRY' ENTERED AT 15:43:40 ON 04 MAR 2003
L5          STRUCTURE UPLOADED
L6          3 S L5 SAM SUB=L3
L7          50 S L5 FUL SUB=L3
L8          STRUCTURE UPLOADED
L9          0 S L8 SAM SUB=L3
L10         0 S L8 FUL SUB=L3

FILE 'CAPLUS' ENTERED AT 15:47:16 ON 04 MAR 2003
```

FILE 'REGISTRY' ENTERED AT 15:47:45 ON 04 MAR 2003

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	84.80	311.99

STN INTERNATIONAL LOGOFF AT 15:48:39 ON 04 MAR 2003